

(5) TABLE OF ACOUSTICAL TECHNOLOGY/  
STRATEGY CODES—Continued

Code	Airplane type/ model	Certificate technology
E	B-747-100 (pre-December 1971); B-747-200 (pre-December 1971).	Fixed lip inlets + sound absorbing material treatment.
F	DC-8 .....	New extended inlet and bullet with treatment + fan duct treatment areas.
G	DC-9 .....	P-36 sound absorbing material treatment kit.
H	BAC-111-200	Silencer kit (BAC Acoustic Report 522).
I	BAC-111-400	Silencer kit (BAC Acoustic Report 598).
J	B-707; DC-8 ..	Reengined with high bypass ratio turbojet engines + quiet nacelles (if certificated under stage 3 noise level requirements).

REP—For airplanes covered by an approved replacement plan under §91.807(c) of this subpart.

EFC—For airplanes designated as “engaged in foreign commerce” in accordance with an approved method of apportionment under §91.811 of this subpart.

RET—For DC-8 and B-707 airplanes operated in domestic U.S. air commerce and retired from service in the United States without replacement between January 24, 1977, and January 1, 1985. RFC—For DC-8 and B-707 airplanes operated by U.S. operators in foreign air commerce in the United States and retired from service in the United States without replacement between April 14, 1980, and January 1, 1985.

EXD—For airplanes exempted from showing compliance with the noise level requirements of this subpart.

OTH—For airplanes for which no other prescribed code describes either the certificated technology applied or to be applied to the airplane, or the compliance strategy or methodology. (An addendum must explain the nature and extent of technology, strategy, or methodology and reference the type certificate documentation.)

#### §91.815 Agricultural and fire fighting airplanes: Noise operating limitations.

(a) This section applies to propeller-driven, small airplanes having standard

airworthiness certificates that are designed for “agricultural aircraft operations” (as defined in §137.3 of this chapter, as effective on January 1, 1966) or for dispensing fire fighting materials.

(b) If the Airplane Flight Manual, or other approved manual material information, markings, or placards for the airplane indicate that the airplane has not been shown to comply with the noise limits under part 36 of this chapter, no person may operate that airplane, except—

(1) To the extent necessary to accomplish the work activity directly associated with the purpose for which it is designed;

(2) To provide flight crewmember training in the special purpose operation for which the airplane is designed; and

(3) To conduct “nondispensing aerial work operations” in accordance with the requirements under §137.29(c) of this chapter.

#### §91.817 Civil aircraft sonic boom.

(a) No person may operate a civil aircraft in the United States at a true flight Mach number greater than 1 except in compliance with conditions and limitations in an authorization to exceed Mach 1 issued to the operator under appendix B of this part.

(b) In addition, no person may operate a civil aircraft for which the maximum operating limit speed  $M_{MO}$  exceeds a Mach number of 1, to or from an airport in the United States, unless—

(1) Information available to the flight crew includes flight limitations that ensure that flights entering or leaving the United States will not cause a sonic boom to reach the surface within the United States; and

(2) The operator complies with the flight limitations prescribed in paragraph (b)(1) of this section or complies with conditions and limitations in an authorization to exceed Mach 1 issued under appendix B of this part.

(Approved by the Office of Management and Budget under control number 2120-0005)